

Patent Attorney Docket: 302.670-024

(271 088)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Group Art Unit: 1654

ZHANG

Examiner: Randall Winston

Serial No.: 10 053,507

Filed: January 17, 2002

For: Methods and Apparatus for Generating

and Utilizing Linear Moving Optical

Gradients

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INFORMATION DISCLOSURE STATEMENT

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TECH CENTER 1600/2900

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO/SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO/SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

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Patent

Attorney Docket: 302.670-024

(271.088)

In accordance with §1.97(b), this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits of the above–identified application, and therefore no

fee is required. If a first Office Action has been mailed, then please enter this Information

Disclosure Statement and charge Deposit Account No. 50-0639 for any necessary fees.

In accordance with §1.98(d), copies of some or all of the references listed on the attached

Form PTO SB 08A are not enclosed herewith because they were previously cited by or submitted to

the Patent and Trademark Office in prior Application Serial No. 09/845,245 for which a claim for

priority under 35 U.S.C. §120 has been made in the instant application. Accordingly, Applicants

will provide duplicate copies in respect of the present case only if the Examiner so desires.

This statement should not be construed as a representation that more material information

does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement

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patentability of the claimed invention over any of the listed documents should they be applied there—

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Respectfully submitted.

O'MELVENY & MYERS LLP

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My 23, 2003

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number 10/053,507					
Filing Date	January 17, 2002				
First Named Inventor	Haichuan Zhang				
Group Art Unit	1654				
Examiner Name	Randall Winston				
Attorney Docket Number	0302670-00024 (formerly 271/088)				

i	S Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DI-YYYY	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear
Examiner Initials *					
	US-42538	46	Smythe et al	03/03/81	
	US-43862	74	Altshuler	05/31/83	
	US-47564	27	Göhde	07/12/88	
	US-48863	60	Finlan	12/12/89	
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	US- 2003/00476	676 A1	Grier et al	03/13/03	

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	Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T ₆
	wo	01/11333	A2	Ransom et al	02/15/01		
	wo	01/40454	A1	Koller et al	06/07/01		
	wo	01/68110	A1	Koller et al	09/20/01		
	wo	02/22774	A1	Eisfeld et al	03/21/02		
	EP	0635994	B1	Imasaka et al	09/23/98		
	EP	0556748	B1	Nishimura et al	10/28/98		
	JP	4-43434	Α	Yasuda et al	02/14/97		
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	ASHKIN et al, "Force Generation Of Organelle Transport Measured In Vivo By An Infrared Laser Trap", Nature, 348, 11/22/90, 346-348.	
	CALDWELL, "Field-Flow Fractionation", Analytical Chemistry, 60, 17, 9 1 88, 959-971	
	DAVIES et al. "Optically Controlled Collisions Of Biological Objects", SPIE 3260, 1 25-28 98, 15-22	

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~				Application Number	10/053,507	
INFORMATION DISCLOSURE				Filing Date	January 17, 2002	
STATEMENT BY APPLICANT		First Named Inventor	Haichuan Zhang			
		Group Art Unit	1654			
	(use as many she	ets as	necessary)	Examiner Name	Randall Winston	
Sheet	2	of	2	Attorney Docket Number	0302670-00024 (formerly 271/088)	

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	DHOLAKIA et al, "Optical Tweezers: The Next Generation", Physics World, 10/02, 31-35.	
	ESENER, *Center For Chips With Heterogeneously Integrated Photonics (CHIPS), DARPA Opto Centers Kickoff, 11:08:00 Dana Point, CA	
	FLYNN et al. "Parallel Transport Of Biological Cells Using Individually Addressable VCSEL Arrays As Optical Tweezers", Sensors & Actuators B. 87, 2002, 239-243.	
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	WEI et al, "Laser Trapping Microscopy As A Diagnostic Technique For The Study Of Cellular Response & Laser-Cell Interactions, SPIE, 2983, 02/10-11/97, 22-28.	
	ZAHN et al, "Fluorimetric Multiparameter Cell Assay At The Single Cell Level Fabricated By Optical Tweezers", FEBS Letters, 443, 1999, 337-340.	

Examiner	Date	
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